

CLAIMS

What is claimed is:

1. A monitoring apparatus for monitoring a position and at least one activity of an individual wearing the monitoring apparatus as well as providing real time access to a wireless LAN, the monitoring apparatus comprising:

a set of hardware including a positioning receiver and at least one video camera, the positioning receiver being operable for determining the position of the individual and generating a position signal in response thereto, the at least one video camera being operable for monitoring an activity of the individual and generating an associated activity video signal in response thereto;

a controller coupled to the positioning receiver and the at least one video camera and receiving the position signal and each activity video signal, the controller being configured to forward the position signal and each activity video signal to a remote monitoring station in real time via a wireless interface;

a power supply for powering the positioning receiver, the at least one video camera and the controller; and

at least one article for housing the positioning receiver, the at least one video camera, the controller and the power supply, the at least one article being wearable by the individual.

2. The monitoring apparatus of Claim 1, wherein the positioning receiver is a GPS receiver.

3. The monitoring apparatus of Claim 1, wherein the at least one article includes an article that is configured to be worn on a head of the individual.

4. The monitoring apparatus of Claim 1, wherein the at least one article includes an article that is configured to be worn on a limb of the individual.

5. The monitoring apparatus of Claim 4, wherein the article is configured to be worn on a wrist of the individual.

6. The monitoring apparatus of Claim 1, further comprising a heads up display for displaying a set of data transmitted thereto by the controller.

7. The monitoring apparatus of Claim 1, wherein the at least one video camera includes a first video camera that is configured to be coupled to the head of the individual.

8. The monitoring apparatus of Claim 7, wherein the at least one video camera further includes a second video camera coupled to an arm of the individual.

9. The monitoring apparatus of Claim 8, further comprising a plurality of lights, each of the lights being coupled to the at least one article proximate each of the first and second video cameras, each of the lights being selectively controllable to provide a source of light.

10. The monitoring apparatus of Claim 1, wherein the power supply is a battery pack.

11. The monitoring apparatus of Claim 10, wherein the battery pack is removable and rechargeable.

12. The monitoring apparatus of Claim 1, wherein at least one alarm device is coupled to the at least one article, the at least one alarm device being configured to generate an alarm signal if the individual has entered an unauthorized area.

13. The monitoring apparatus of Claim 12, wherein the alarm device is a lamp and the alarm signal is the illumination of the lamp.

14. The monitoring apparatus of Claim 1, further comprising at least one cable for releasably interconnecting the set of hardware to the controller.

15. The monitoring apparatus of Claim 1, further comprising a microphone for sensing sound in an area proximate the individual and generating a sound signal in response thereto, the sound signal being received by the controller.

16. The monitoring apparatus of Claim 1, wherein at least one of the articles includes a data entry device that is configured to input data to the controller that is manually entered by the individual.

17. The monitoring apparatus of Claim 16, wherein the data entry device is selected from a group consisting of keypads and scratch pads.